

# Converting Colors

HunterLab(41.8392, -1.9651,  
2.7812)

Have a look what the booklet for  
HunterLab(41.8392, -1.9651, 2.7812)  
contains.

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# Color

**HunterLab(41.8455, -2.0950,  
2.7671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757473
RGB	117, 116, 115
RGB Percent	46%, 45%, 45%
CMY	0.5412, 0.5451, 0.5490
CMYK	0.00, 0.01, 0.02, 0.54
HSL	30°, 1%, 45%
HSV	30°, 2%, 46%
XYZ	16.6760, 17.5105, 18.7206
YIQ	116.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

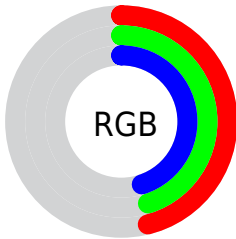
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 117, 115
Decimal	7697523
CIE Lab	48.90, 0.18, 0.68
CIE LCh	49, 0.705, 74.988
Yxy	17.5112, 0.3152, 0.3310
Android (android.graphics.Color)	4285887603 (0xFF757473)
YUV	116.1850, -0.5842, 0.7148
Hunter-Lab	41.8455, -2.0950, 2.7671

# Details

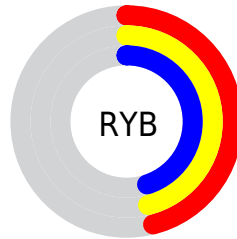
The HunterLab color  $[41.8455, -2.0950, 2.7671]$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $[41.7369, -2.3594, 1.7689]$ , and the grayscale version is  $[41.8649, -2.2338, 2.2746]$ .

A 20% lighter version of the original color is  $[62.6341, -3.1953, 3.9316]$ , and  $[24.0929, -1.1587, 1.7579]$  is the 20% darker color. If you saturate the color by 10%, you get  $[39.9435, -1.1114, 5.4288]$ , and if you desaturate by 10%, it is  $[43.8022, -2.9452, -0.1008]$ .

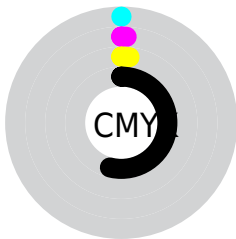
# Distribution



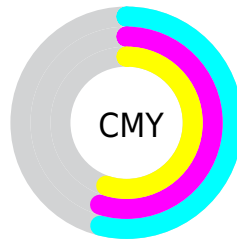
- Red (46%)
- Green (45%)
- Blue (45%)



- Red (46%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (55%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8455, -2.0950, 2.7671 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 41.8455, -2.0950, 2.7671 by changing the saturation by 10% instead.



■ 41.8455, -2.0950,  
2.7671

■ 41.8455, -2.0950,  
2.7671

■ 154.3053, -8.0269,  
9.1589

■ 32.5571, -1.6110,  
2.2223

■ 62.6120, -3.1852,  
3.9693

■ 24.0797, -1.1704,  
1.7171

■ 73.9941, -3.7840,  
4.6213

■ 16.5010, -0.7793,  
1.2556

■ 85.9929, -4.4162,  
5.3052

■ 9.9439, -0.4449,  
0.8418

■ 98.5782, -5.0802,  
6.0195

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.7237, -5.7744,  
6.7631

0.0000, NaN, NaN

■ 125.4066, -6.4977,

0.0000, NaN, NaN

7.5348

0.0000, NaN, NaN

139.6065, -7.2488,  
8.3337

■ 41.8455, -2.0950,  
2.7671

■ 41.8455, -2.0950,  
2.7671

■ 39.9435, -1.1114,  
5.4288

■ 43.8022, -2.9452,  
-0.1008

■ 38.0978, 0.0192,  
7.8607

■ 45.8072, -3.6693,  
-3.1574

■ 36.3140, 1.3061,  
10.0396

■ 47.8579, -4.2782,  
-6.3846

■ 34.5972, 2.7589,  
11.9398

■ 49.9511, -4.7813,  
-9.7672

■ 32.9528, 4.3854,  
13.5345

■ 52.0842, -5.1871,  
-13.2916

■ 31.3870, 6.1906,  
14.7972

■ 54.2545, -5.5035,  
-16.9457

■ 29.9057, 8.1747,  
15.7036

■ 56.4598, -5.7379,  
-20.7191

■ 28.5152, 10.3310,  
16.2359

■ 58.6982, -5.8968,  
-24.6024

■ 27.2212, 12.6431,  
16.3882

■ 60.9677, -5.9862,  
-28.5874

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.8464, -1.8549, 2.6370



41.8455, -2.0950, 2.7671



41.8464, -2.3737, 2.7678

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.8464, -2.0960, 2.7678



41.8464, -2.7521, 2.1456



41.8464, -1.8551, 1.9152

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.8455, -2.0950, 2.7671



41.7369, -2.3594, 1.7689

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.8464, -2.0962, 1.7818



41.8455, -2.0950, 2.7671



41.8464, -2.6138, 1.9154

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.8464, -2.0960, 2.7678



41.8464, -2.7520, 2.4098



41.8464, -2.3739, 1.7819



41.8464, -1.7156, 2.1454



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.8455, -2.0950, 2.7671



41.8464, -2.5423, 2.6938



41.8464, -2.3739, 1.7819



41.8464, -1.9270, 1.8575

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.8464, -2.0960, 2.7678



56.1741, -2.8881, 3.4499



41.5987, -1.4838, 2.0567



26.9451, -1.3894, 1.6400



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8464, -2.0960, 2.7678



55.9091, -2.7628, 3.8304



42.1219, -2.5532, 3.0798



20.6203, -1.0289, 1.3779



27.4586, 15.4544, 17.1904



59.1842, 37.4247, 37.1242



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.7369, -2.3594, 1.7689



55.7333, -3.1856, 2.2266



41.4619, -1.9018, 1.4489



20.5633, -1.1661, 0.8572



21.8173, 4.4467, -36.8690



46.3497, 13.3691, -86.7932



# Previews

## White Background



This preview shows how the HunterLab color 41.8455, -2.0950, 2.7671 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 41.8455, -2.0950, 2.7671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

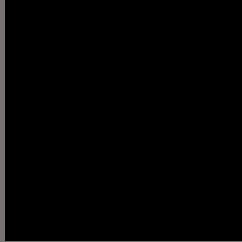
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 41.8455, -2.0950, 2.7671 Background



This preview shows how black text looks on a background with the HunterLab color 41.8455, -2.0950, 2.7671.



This preview shows how white text looks on a background with the HunterLab color 41.8455, -2.0950,

2.7671.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

41.8455, -2.0950, 2.7671

### Protanopia

41.9287, -1.8064, 2.8689

### Deuteranopia

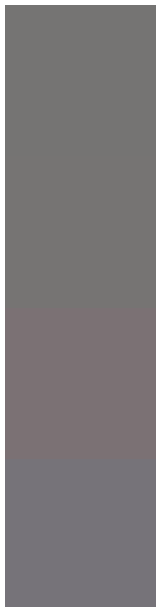
41.6669, 2.9047, 2.2144



## Tritanopia

41.9145, 0.0692, -1.1449

# Trichromacy



## Original Color

41.8455, -2.0950, 2.7671

## Protanomaly

41.9287, -1.8064, 2.8689

## Deuteranomaly

41.5718, 1.2134, 2.0724

## Tritanomaly

41.8252, -0.4155, 0.1227

# Monochromacy



## Original Color

41.8455, -2.0950, 2.7671

## Achromatopsia

41.7908, -2.2299, 2.2706

## Achromatomaly

41.7908, -2.2299, 2.2706

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.8455, -2.0950, 2.7671 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 116, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 116, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 116, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 116, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.8455, -2.0950, 2.7671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 116, 115) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(117, 116, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(117, 116, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 116, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 116, 115);  
box-shadow:4px 4px 4px 4px rgb(117, 116,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.8455, -2.0950, 2.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 116, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
116, 115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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